



68/1614.

ATTORNEY DOCKET NO. 22000.0110U2

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of	:	
Capdevila et al.	:	Group Art Unit: 1614
Serial No.: 09/942,429	:	
Filed: August 29, 2001	:	Examiner: Unassigned
For: COMPOSITIONS AND METHODS	:	Confirmation No.: 7467
RELATING TO HYPERTENSION	:	

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
Washington, D.C. 20231

NEEDLE & ROSENBERG, P.C.  
The Candler Building  
127 Peachtree Street, N.E.  
Atlanta, Georgia 30303-1811

December 10, 2002

Sir:

Pursuant to the requirements of 37 C.F.R. § 1.56, submitted herewith on the accompanying Form PTO 1449 is a listing of documents known to the applicants and/or their attorneys. Copies of these documents are enclosed.

Consideration of the cited documents and making the same of record in the prosecution of the above-noted application are respectfully requested.

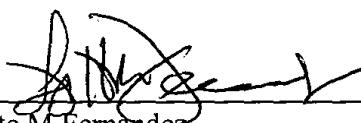


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Applicants believe that this Information Disclosure Statement is being filed in accordance with 37 C.F.R. § 1.97(b)(3), i.e., before the mailing date of the first Office Action on the merits. Therefore, no fee is believed to be due. However, the Commissioner is hereby authorized to charge any fees which may be required, or to credit any overpayment, to Deposit Account No. 14-0629.

Respectfully submitted,


NEEDLE & ROSENBERG, P.C.

  
\_\_\_\_\_  
Lizette M Fernandez  
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CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231, on the date shown below.

  
\_\_\_\_\_  
Lizette M. Fernandez

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Page 1 of 2

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Form PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 7-80) PATENT AND TRADEMARK OFFICE	ATTORNEY DOCKET NO.: 22000.0110U2	SERIAL NO. 09/942,429
	APPLICANT: Capdevila et al.	
	FILING DATE: August 29, 2001	GROUP: 1614

LIST OF PRIOR ART CITED BY APPLICANT  
(Use several sheets if necessary)

## U.S. PATENT DOCUMENTS

EXAMINER INITIALS		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	B1	5,814,318	09/29/98	Lonberg et al.			
	B2	5,789,650	08/04/98	Lonberg et al.			
	B3	5,770,429	06/23/98	Lonberg et al.			
	B4	5,663,425	09/02/97	Detriot et al.			
	B5	5,661,016	08/26/97	Lonberg et al.			
	B6	5,625,126	04/29/97	Lonberg et al.			
	B7	5,569,825	10/29/96	Lonberg et al.			
	B8	5,545,806	08/13/96	Lonberg et al.			
	B9	5,503,995	04/2/96	Khudyadov et al.			

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## FOREIGN PATENT DOCUMENTS

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## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	B10	August, Phyllis "Commentary: Hypertension in Men." <i>J. Clin. Endocrinol. Metab.</i> 84(10):3451-3454 (1999)
	B11	Chen and Meng, "Sexual Dimorphism Of Blood Pressure In Spontaneously Hypertensive Rats Is Androgen Dependent." <i>Life Sci.</i> 48:85-96 (1991)
	B12	Chen, "Sexual dimorphism of hypertension." <i>Curr. Opin. Nephrol. Hypertens.</i> 6(2):181-185 (March 1996)
	B13	Cowley and Roman, "The Role of the Kidney in Hypertension." <i>J. Am. Med. Assoc.</i> 275(20):1581-1589 (May 22/29, 1996)
	B14	Dominiczak et al., "Genes and Hypertension : From Gene Mapping in Experimental Models to Vascular Gene Transfer Strategies." <i>Hypertension</i> 35(part 2):164-172 (2000)
	B15	Ganten et al., " Sexual dimorphism of blood pressure in spontaneously hypertensive rats: effects of anti-androgen treatment." <i>J. Hypertens.</i> 7(9):721-726 (1989)
	B16	Garbers and Dubois, "The Molecular Basis of Hypertension." <i>Ann. Rev. Biochem.</i> 68:127-155 (1999)
	B17	Halushka et al., "Patterns of single-nucleotide polymorphisms in candidate genes for blood-pressure homeostasis." <i>Nature Genetics</i> 22(3):239-247 (July 1999)
	B18	Harder et al., "Cytochrome P450 Metabolites of Arachidonic Acid as Intracellular Signaling Molecules in Vascular Tissue." <i>J. Vasc. Res.</i> 34:237-243 (1997)
	B19	Helvig et al., "Molecular, Enzymatic, and Regulatory Characterization of Rat Kidney Cytochromes P450 4A2 and 4A3." <i>Biochemistry</i> 37(36):12546-12558 (1998)



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SERIAL NO. 09/942,429

Page 2 of 2

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B20	Holla et al., "Alterations in the regulation of androgen-sensitive Cyp 4a monooxygenases cause hypertension." <i>PNAS</i> 98(9):5211-5216 (April 24, 2001)
B21	Imaoka et al., "Complete cDNA Sequence and cDNA-Directed Expression of CYP4A11, a Fatty Acid $\omega$ -Hydroxylase Expressed in Human Kidney." <i>DNA Cell Biol.</i> 12(10):893-899 (1993)
B22	Imig et al., "Contribution of cytochrome P450 epoxygenase and hydroxylase pathways to afferent arteriolar autoregulatory responsiveness." <i>Br. J. Pharmacol.</i> 127(6):1399-1405 (1999)
B23	Imig et al., "Formation and actions of 20-hydroxyeicosatetraenoic acid in rat renal arterioles." <i>Am. J. Physiol.</i> 270(1 pt 2):R217-R227 (1996)
B24	Kroetz et al., "Peroxisome Proliferator-activated Receptor $\alpha$ Controls the Hepatic CYP4A Induction Adaptive Response to Starvation and Diabetes." <i>J. Biol. Chem.</i> 273(47):31581-31589 (November 20, 1998)
B25	Lifton, R. "Molecular Genetics of Human Blood Pressure Variation." <i>Science</i> 272(5262):676-680 (1996)
B26	Mantzoros et al., "Relative Androgenicity, Blood Pressure Levels, and Cardiovascular Risk Factors in Young Healthy Women." <i>Am. J. Hypertens.</i> 8(6):606-614 (June 1995)
B27	Masabuchi et al., "Gonadectomy-induced reduction of blood pressure in adult spontaneously hypertensive rats." <i>Acta Endocrinol.</i> 101(1):154-160 (1982)
B28	Navar et al., "Paracrine Regulation of the Renal Microcirculation." <i>Physiol. Rev.</i> 76(2):425-536 (April 1996)
B29	Phillips et al., "Serum sex hormone levels in postmenopausal women with hypertension." <i>J. Hum. Hypertens.</i> 11(8):523-526 (1999)
B30	Prakash et al., "20-Hydroxyeicosatetraenoic Acid Is Excreted As A Glucuronide Conjugate In Human Urine." <i>Biochem. Biophys. Res. Commun.</i> 185(2):728-733 (June 15, 1992)
B31	Pratt and Dzau, "Genomics and hypertension: Concepts, Potentials, and Opportunities." <i>Hypertension</i> 33(part II):238-247 (1999)
B32	Reckelhoff et al., "Experimental Biology 1998 Symposium on Sex Steroids in Cardiovascular-Renal Physiology and Pathophysiology-- Gender Differences in Hypertension in Spontaneously Hypertensive Rats - Role of Androgens and Androgen Receptor." <i>Hypertension</i> 34(part 2):920-923 (1999)
B33	Reckelhoff and Granges, "Role of Androgens in Mediating Hypertension and Renal Injury." <i>Clin. Exp. Pharmacol. And Physiol.</i> 26(2):127-131 (1999)
B34	Su et al., "Inhibition of renal arachidonic acid $\omega$ -hydroxylase activity with ABT reduces blood pressure in the SHR." <i>Am. J. Physiol.</i> 275(pt 2):R426-R438 (1998)
B35	Sundseth and Waxman, "Sex-dependent Expression and Clofibrate Inducibility of Cytochrome P450 4A Fatty Acid $\omega$ -Hydroxylases." <i>J. Biol. Chem.</i> 267(6):3915-3921 (February 25, 1992)
B36	Turner et al., "Separate Sex-Influenced and Genetic Components in Spontaneously Hypertensive Rat Hypertension." <i>Hypertension</i> 17:1097-1103 (1991)

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.